UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
BUREAU OF COMMERCIAL FISHERIES
BIOLOGICAL LABORATORY
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SAN DIEGO 6, CALIFORNIA

Sea-surface Temperature Charts, Eastern Pacific Ocean
May 1960

Prepared by

The Staff of the Bureau of Commercial Fisheries
Biological Laboratory, San Diego, California

C O N T E N T S

Acknowledgments

Sea-Surface Temperature Charts, Eastern Pacific Ocean, May 1960

Figure 1.--Mean sea-surface temperatures (°F) derived from approximately 8000 observations. Squares show temperature at weather-ship stations. Numerals on shore are temperatures at coastal and light stations.

Figure 2.--Deviation of sea-surface temperatures (°F) from 30-year mean charts of H. O. 225. Hatched areas are colder than mean.

Figure 3.--Deviation of sea-surface temperatures (°F) from those of May 1959. Hatched areas are colder than 1959.

Figure 4.--Sea-surface temperatures (°F) by 1-degree squares, approximately 2000 observations. Line under temperatures indicates average of two or more observations. Numerals on shore are temperatures at coastal and light stations.

Figure 5.--Deviation of sea-surface temperatures (°F) May 1960 - May 1959 by 1-degree squares. Shaded areas colder in 1960.

James H. Johnson, Chief
Tuna Forecasting Investigation

Acknowledgments

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U. S. Naval Communication Station Balboa, Fort Amador, Canal Zone
U. S. Navy Branch Hydrographic Offices, Honolulu, Hawaii; Seattle, Washington; San Francisco, California and Wilmington, California
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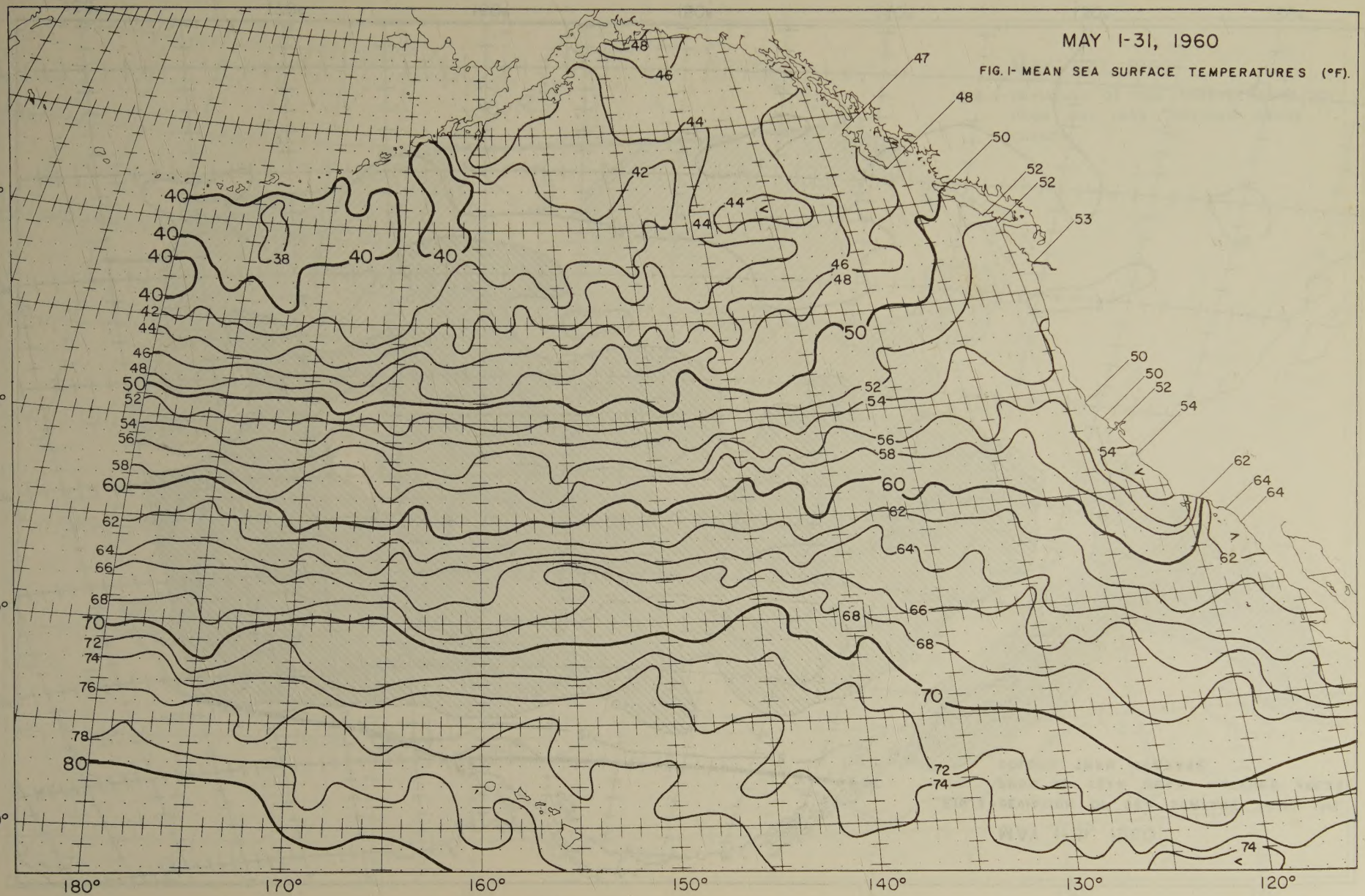
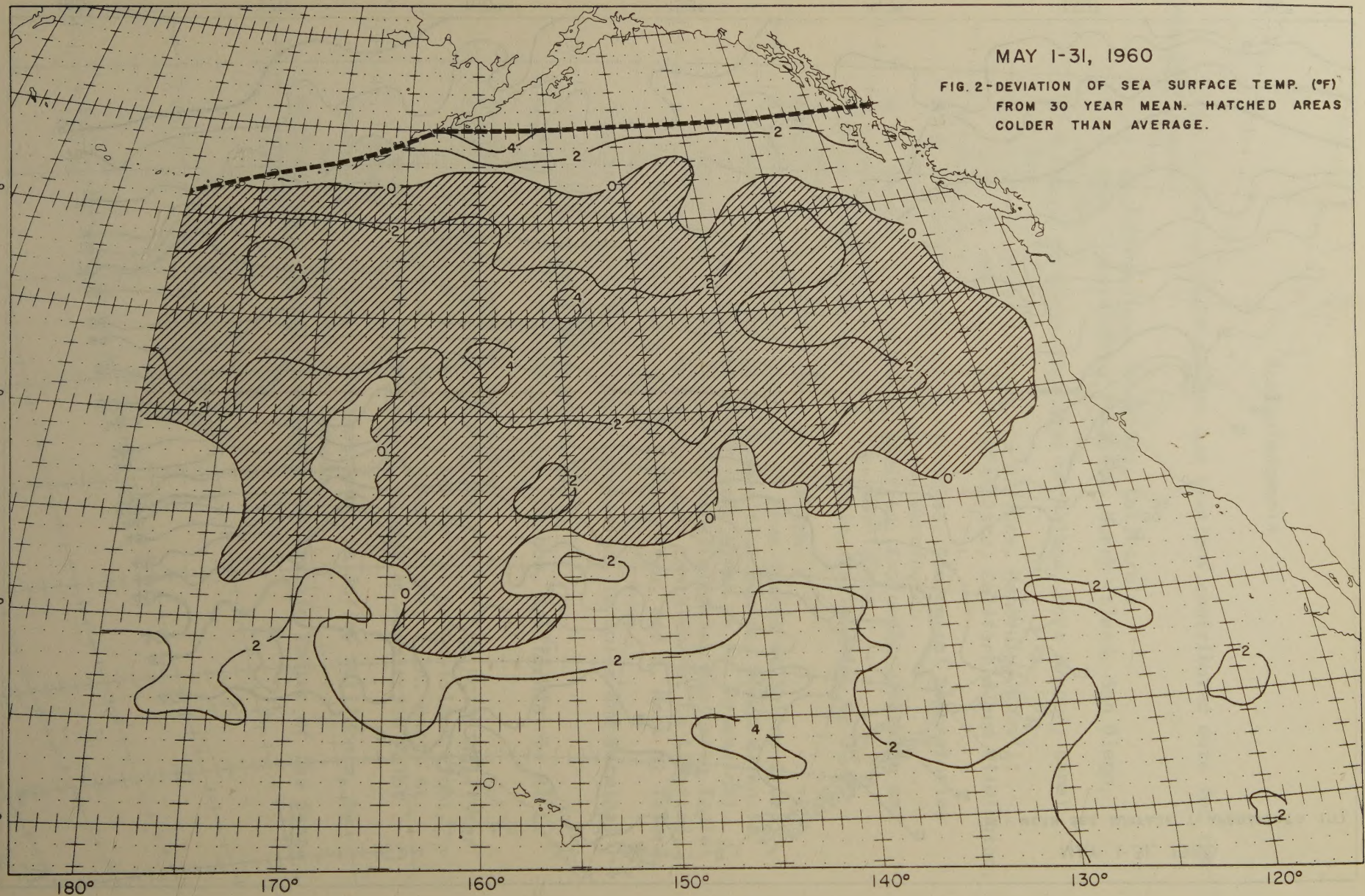
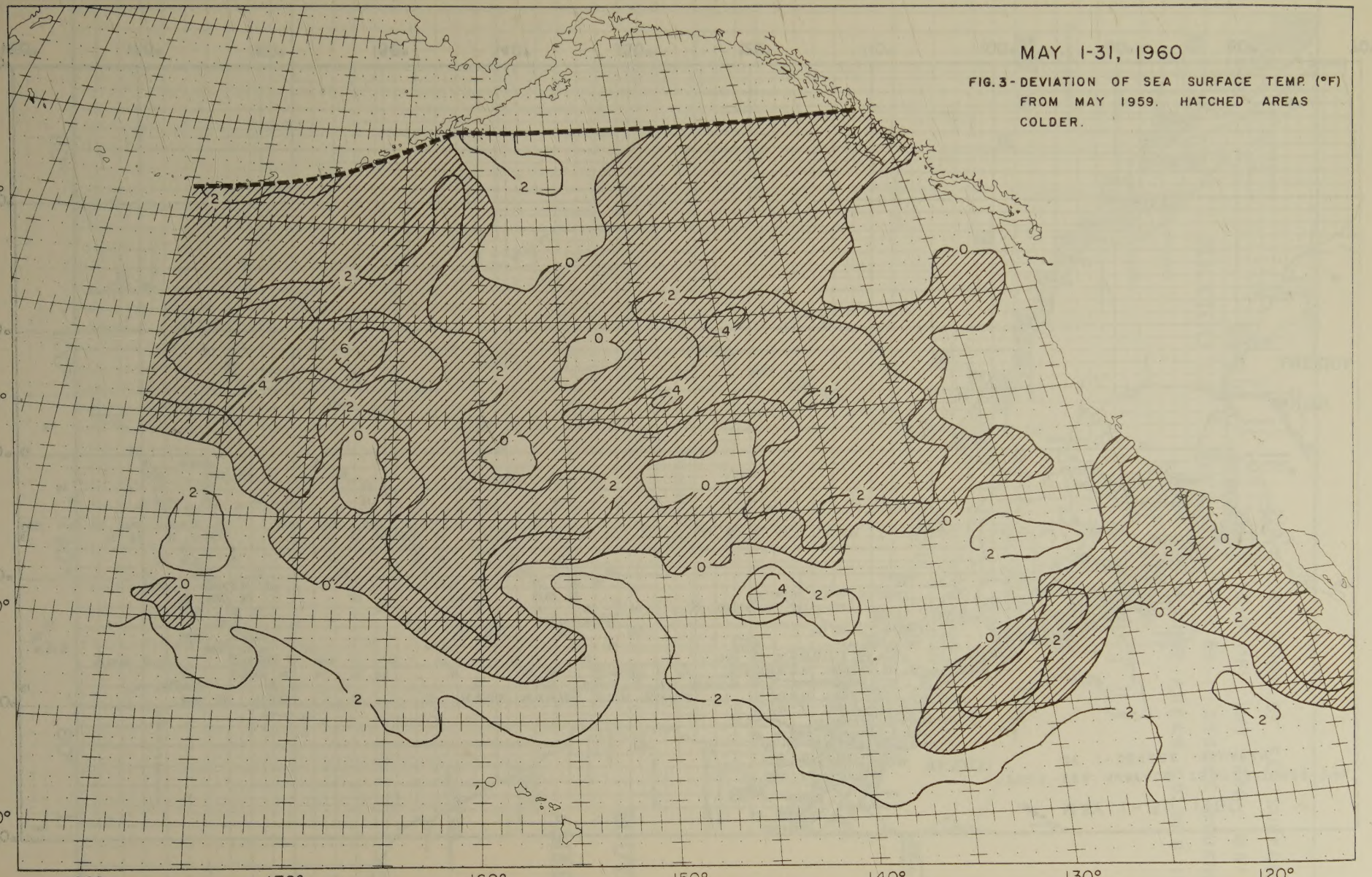
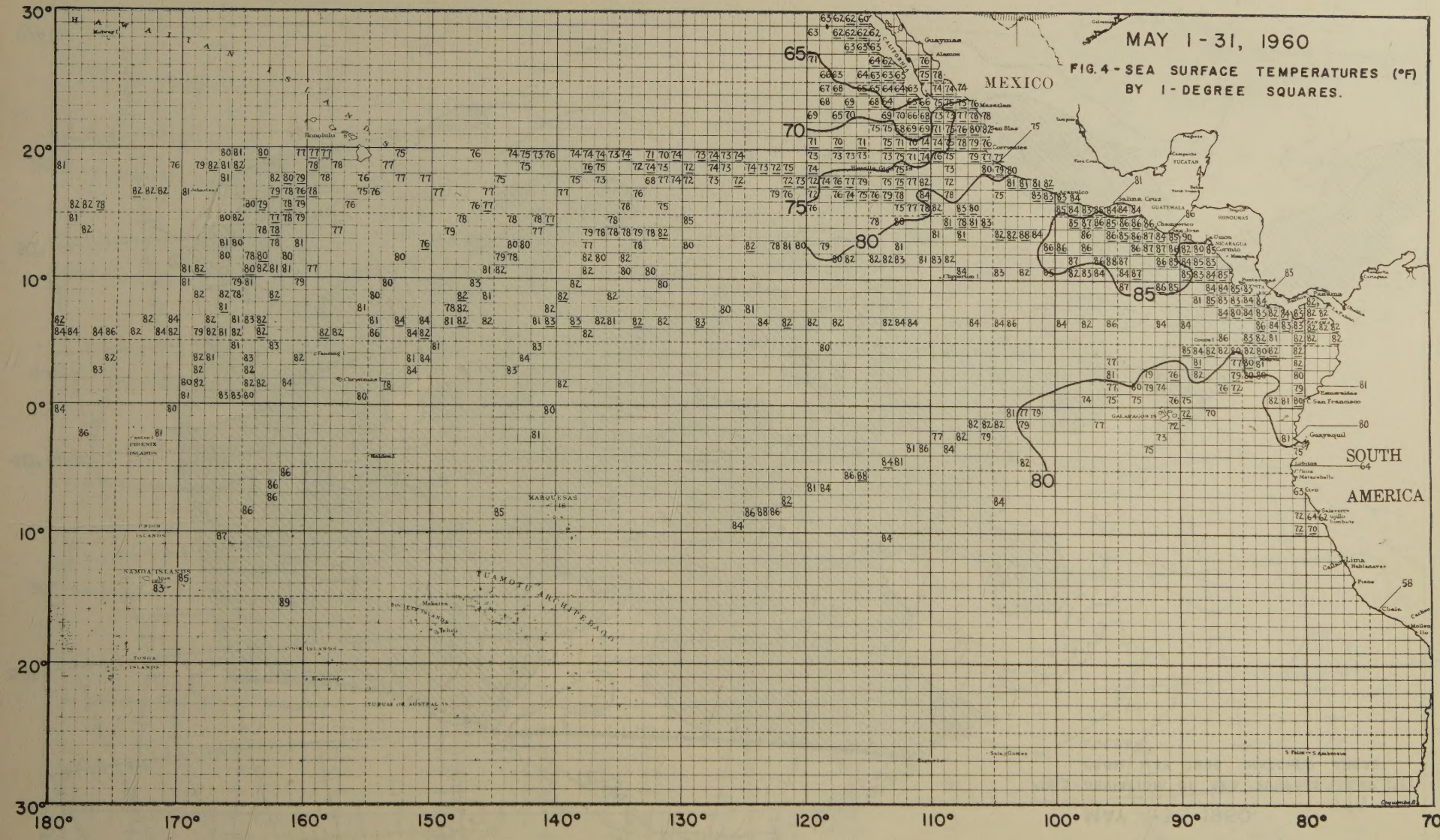
Scripps Institution of Oceanography, La Jolla, California, by Margaret Robinson and Hans Klein
Ships Frances Salman, Trolleggen and Captain Tomter of the Santa Maria


MAY 1-31, 1960
FIG. I- MEAN SEA SURFACE TEMPERATURES (°F).
50°
40°
30°
20°
180°
170°
160°
150°
140°
130°
120°


MAY 1-31, 1960
FIG. 2 - DEVIATION OF SEA SURFACE TEMP. (°F) FROM 30 YEAR MEAN. HATCHED AREAS COLDER THAN AVERAGE.
50°
40°
30°
20°
180°
170°
160°
150°
140°
130°
120°


MAY 1-31, 1960
FIG. 3 - DEVIATION OF SEA SURFACE TEMP. (°F) FROM MAY 1959. HATCHED AREAS COLDER.
50°
40°
30°
20°
180°
170°
160°
150°
140°
130°
120°


MAY 1 - 31, 1960
FIG. 4 - SEA SURFACE TEMPERATURES (°F)
BY 1 - DEGREE SQUARES.
MEXICO
SOUTH
AMERICA
30°
20°
10°
0°
10°
20°
30°
180°
170°
160°
150°
140°
130°
120°
110°
100°
90°
80°
70°

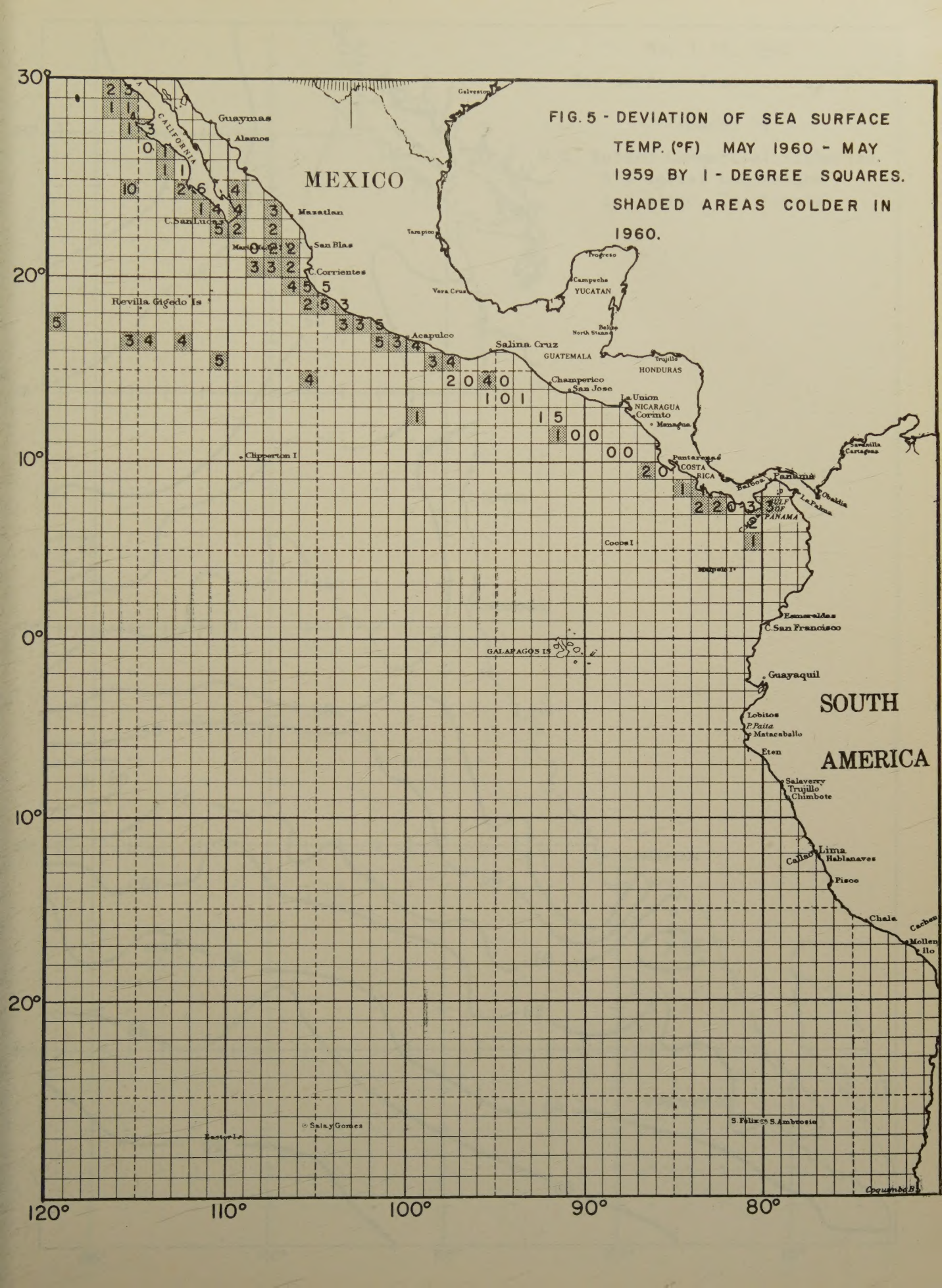
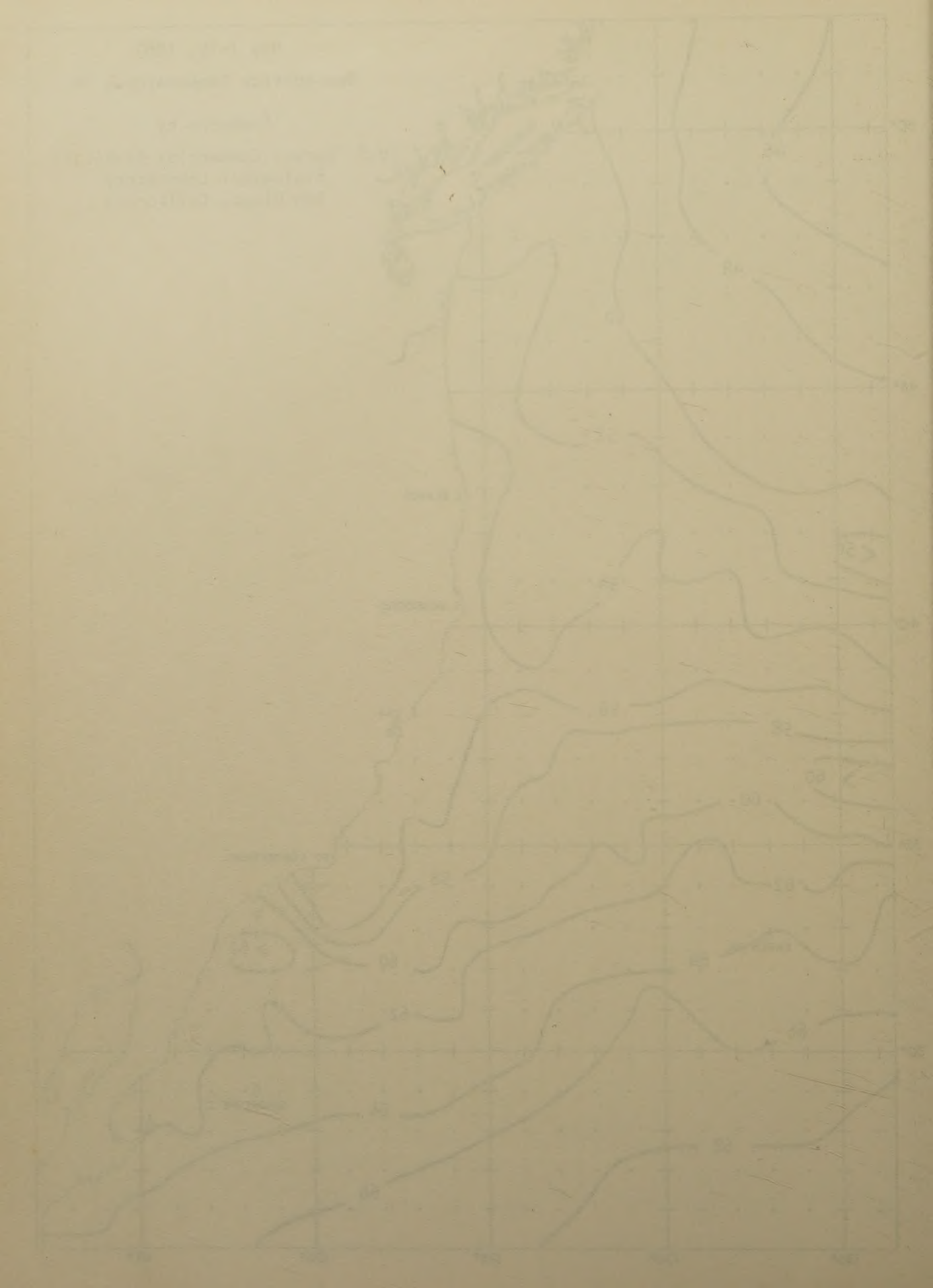
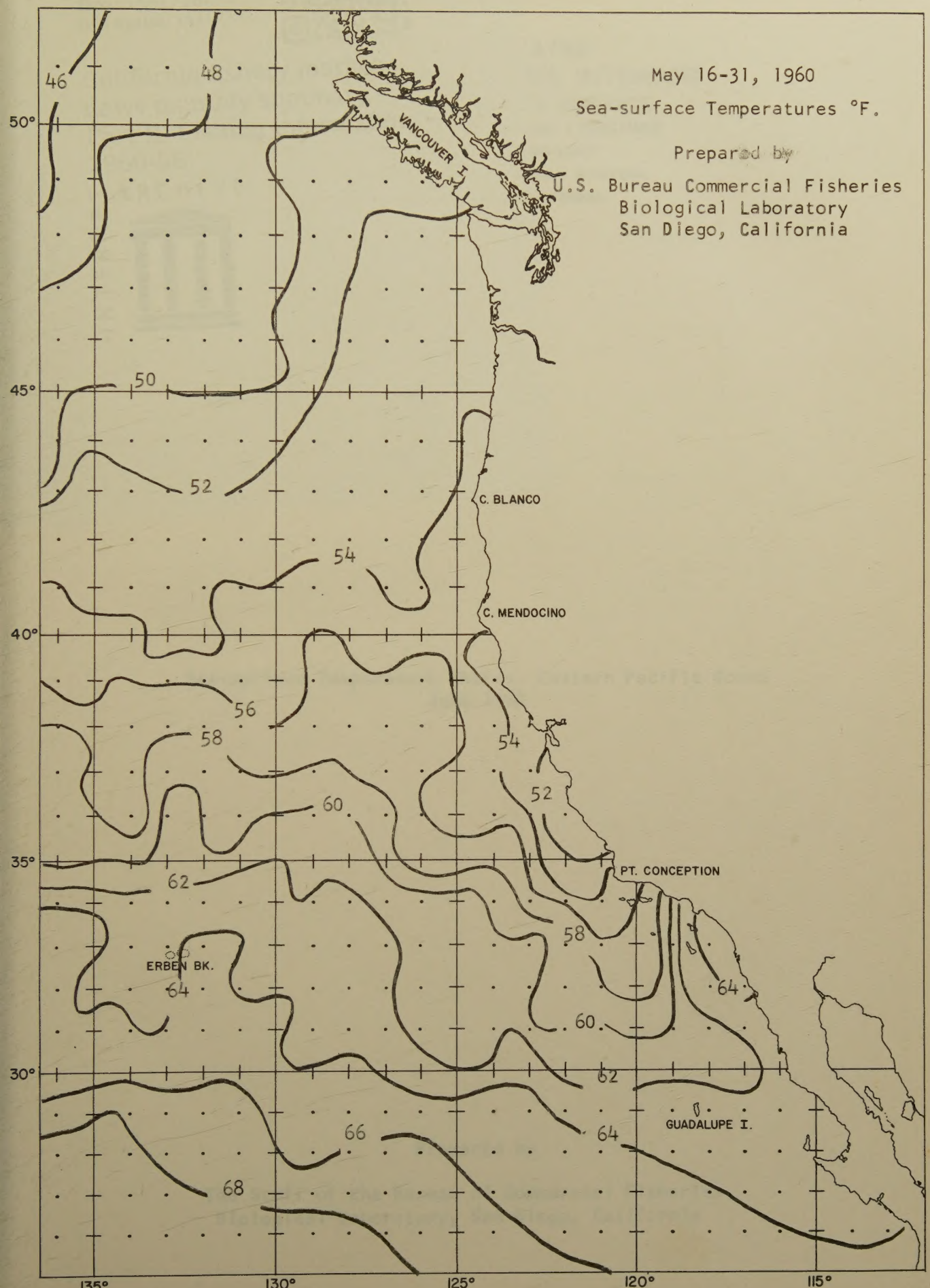


FIG. 5 - DEVIATION OF SEA SURFACE TEMP. (°F) MAY 1960 - MAY 1959 BY 1 - DEGREE SQUARES. SHADED AREAS COLDER IN 1960.
MEXICO
SOUTH AMERICA
CALIFORNIA
GUATEMALA
HONDURAS
NICARAGUA
COSTA RICA
YUCATAN
GULF OF PANAMA
GALAPAGOS IS
Guaymas
Alamos
Mazatlan
San Blas
C. Corrientes
Revilla Gigedo Is
Acapulco
Salina Cruz
Champerico
San Jose
La Union
Corinto
Managua
Clipperton I
Panama
Balboa
Cocos I
Esmeraldas
C. San Francisco
Guayaquil
Lobitos
P. Pasta
Matacaballo
Eten
Salaverry
Trujillo
Chimbote
Lima
Callao
Hablanaves
Pisco
Chala
Mollendo
Ilo
S. Felix & S. Ambrosio
30°
20°
10°
0°
10°
20°
120°
110°
100°
90°
80°

May 1-15, 1960
Sea-surface Temperatures °F.
Prepared by
U.S. Bureau Commercial Fisheries
Biological Laboratory
San Diego, California
VANCOUVER I.
C. BLANCO
C. MENDOCINO
PT. CONCEPTION
ERBEN BK.
GUADALUPE I.
46
48
50
52
< 50
54
56
58
> 60
60
62
58
> 62
60
64
62
66
64
68
66
50°
45°
40°
35°
30°
135°
130°
125°
120°
115°




May 16-31, 1960
Sea-surface Temperatures °F.
Prepared by
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VANCOUVER I.
C. BLANCO
C. MENDOCINO
PT. CONCEPTION
ERBEN BK.
GUADALUPE I.
46
48
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68
50°
45°
40°
35°
30°
135°
130°
125°
120°
115°